

WHAT IS CLAIMED IS:

1. An organic electroluminescent device comprising:
a light emitting layer composed of an organic compound;

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a light blocking layer blocking incidence of light in
a prescribed wavelength range in said light emitting layer,
wherein

said light emitting layer generates a voltage having a
10 peak at a specific wavelength by external photoirradiation,
and

said prescribed wavelength range includes said specific
wavelength.

15 2. The organic electroluminescent device according to
claim 1, wherein

said prescribed wavelength range includes a range from
said specific wavelength to a wavelength longer by 50 nm than
said specific wavelength.

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3. The organic electroluminescent device according to
claim 1, wherein

said prescribed wavelength range further includes a range
from said specific wavelength to a wavelength shorter by 50
25 nm than said specific wavelength.

4. The organic electroluminescent device according to claim 1, wherein

5 said prescribed wavelength range further includes a range from said specific wavelength to a wavelength longer by 100 nm than said specific wavelength.

5. The organic electroluminescent device according to claim 1, wherein

10 said prescribed wavelength range further includes a range from said specific wavelength to a wavelength shorter by 100 nm than said specific wavelength.

15 6. The organic electroluminescent device according to claim 1, wherein

20 transmittance in said light blocking layer at said specific wavelength is lower than the maximum transmittance on the long-wavelengthlength side beyond said prescribed wavelength range.

7. The organic electroluminescent device according to claim 1, wherein

25 the maximum transmittance in said light blocking layer in said prescribed wavelength range is lower than the maximum transmittance on the long-wavelengthlength side beyond said

prescribed wavelength range.

8. The organic electroluminescent device according to claim 1, wherein

5 transmittance in said light blocking layer at said specific wavelength is not more than 80 %.

9. The organic electroluminescent device according to claim 1, wherein

10 the maximum transmittance in said light blocking layer in said prescribed wavelength range is not more than 80 %.

10. The organic electroluminescent device according to claim 1, further comprising a light-transmitting electrode
15 provided on one side of said light emitting layer, wherein said light blocking layer is arranged on said one side of said light emitting layer.

11. The organic electroluminescent device according to
20 claim 1, wherein

said light blocking layer includes an optical filter arranged on said one side of said light emitting layer.

12. The organic electroluminescent device according to
25 claim 1, wherein

said light blocking layer includes a thin film arranged on said are side of said light emitting layer.

13. The organic electroluminescent device according to
5 claim 1, wherein

said light-transmitting electrode includes said light blocking layer.

14. The organic electroluminescent device according to
10 claim 1, further comprising an organic compound layer provided between said light emitting layer and said light-transmitting electrode, wherein

said organic compound layer includes said light blocking layer.

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15. The organic electroluminescent device according to claim 1, further comprising a light-transmitting substrate, wherein

said substrate includes said light blocking layer.

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